

**Section I: BACT Determination for Application No.: 228182**  
**Equipment Category - Spray Booth**

<b>1. GENERAL INFORMATION</b>		DATE: 5/25/1999
A. MANUFACTURER: Devilbiss		
B. TYPE: Dry Filter	C. MODEL: XCF 404	
D. STYLE: Floor		
E. APPLICABLE AQMD REGULATION XI RULES: 1124 & 1171		
F. COST: \$Not known ( ) SOURCE OF COST DATA:		
G. OPERATING SCHEDULE: 8 HRS/DAY 5 DAYS/WK 51 WKS/YR		
<b>2. EQUIPMENT INFORMATION</b>		APP. NO.: 228182
A. SIZE/DIMENSION/CAPACITY: Two identical booths: 10' W. x 9' L. x 14' H		
B. BLOWERS: Two @ 3 HP each	C. TOTAL FLOW RATE: 7385 scfm	
D. FILTERS: Each booth: 24@20" x 25"		
E. PARTS COATED: Aircraft assemblies		
F. TYPE OF COATING/ADHESIVE/SOLVENT USED: Maskant		
<b>3. COMPANY INFORMATION</b>		APP. NO.: 228182
A. NAME: Northrop-Grumman		
B. ADDRESS: 250 Apra Street CITY: Compton STATE: CA ZIP: 90749		
C. CONTACT PERSON: Carol Taylor	D. PHONE NO.: (310) 331-7779	
<b>4. PERMIT INFORMATION</b>		APP. NO.: 228182
A. AGENCY: SCAQMD		
B. AGENCY CONTACT PERSON: Todd Iwata/AQ Engineer	C. PHONE NO.: (909) 396-2574	
D. PERMIT TO CONSTRUCT INFORMATION: P/C NO.: 228182 ISSUANCE DATE: 2/25/1991		
E. START-UP DATE: Operating since 5/90		
F. PERMIT TO OPERATE INFORMATION: P/O NO.: D88449 ISSUANCE DATE: 1/9/1997		
<b>5. EMISSION INFORMATION</b>		APP. NO.: 228182
<b>A. PERMIT</b>		
A1. PERMIT LIMIT: 414 lb/day VOC after control		
A2. BACT/LAER DETERMINATION: The BACT/LAER determination for this application is a carbon adsorber. Permit requires a 90% recovery for the adsorber.		
<b>B. CONTROL TECHNOLOGY</b>		
B1. MANUFACTURER/SUPPLIER: VIC		
B2. TYPE: Carbon Adsorber		

B3. DESCRIPTION:					
A regenerative carbon adsorber with two 12' diameter beds vents two enclosed, non-conveyorized spray booths, two solvent recovery tanks and one oven. Non-compliant coatings are manually applied in the booths. The saturated carbon bed is stripped with steam and the VOC condensed and recovered in the solvent recovery tank.					
B4. CONTROL EQUIPMENT PERMIT APPLICATION DATA:		P/C NO.:	ISSUANCE DATE:		
		P/O NO.:	ISSUANCE DATE:		
B5. WASTE AIR FLOW TO CONTROL EQUIPMENT:		FLOW RATE:	7385 scfm		
ACTUAL CONTAMINANT LOADING:		BLOWER HP:	30 HP		
B6. WARRANTY: Not known					
B7. PRIMARY POLLUTANTS: VOC					
B8. SECONDARY POLLUTANTS: None					
B9. SPACE REQUIREMENT:					
B10. LIMITATIONS:					
B11. LOCATION OF PRIOR DEMONSTRATION & AGENCY:					
FACILITY: None					
CONTACT PERSON:			PHONE NO.:		
AGENCY:					
ADDRESS:					
CONTACT PERSON:			PHONE NO.:		
B12. OPERATING HISTORY: Operating since 5/90					
B13. SOURCE TEST/PERFORMANCE DATA ANALYSIS:					
DATE OF SOURCE TEST:		7/1/93	CAPTURE EFFICIENCY:	94.80%	
DESTRUCTION EFFICIENCY:		99.80%	OVERALL EFFICEINCY:	94.60%	
PERFORMANCE DATA:					
B14. SOURCE TEST CONDITIONS/PERFORMANCE DATA: None Found					
<b>C. COST</b>					
C1. CONTROL EQUIPMENT COST: [ ] CHECK IF INSTALLATION COST IS INCLUDED IN CAPITAL COST					
CAPITAL: \$Not known		INSTALLATION:	\$Not known ( )	SOURCE OF COST DATA:	
C2. ANNUAL OPERATIONAL/MAINTENANCE COST:		\$Not known ( )	SOURCE OF COST DATA:		
<b>D. DEMONSTRATION OF COMPLIANCE</b>					
D1. STAFF PERFORMING FIELD EVALUATION:					
ENGINEER'S NAME:		Suresh Chaurushiya	INSPECTOR'S NAME:	DATE:	
D2. COMPLIANCE DEMONSTRATION: See Source Test Information					
D3. VARIANCE:		NO. OF VARIANCES:	None	DATES:	
CAUSES:					
D4. VIOLATION:		NO. OF VIOLATIONS:	None	DATES:	
CAUSES:					
D5. FREQUENCY OF MAINTENANCE: Not known					

<b>6. COMMENTS</b>		APP. NO.: 228182